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OM nucleic - nucleic search, using sw model

Run on: June 1, 2003, 15:24:09 ; Search time 120.319 Seconds  
 Perfect score: 2232  
 Sequence: 1 GGATTGAAAGGAGCCATT.....TATACTATGGATAAAAG 2232

Scoring table: IDENTITY\_NUC  
 Gapop 10.0 , Gapext 1.0

Searched: 441362 seqs, 153338381 residues

Total number of hits satisfying chosen parameters: 882724

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
 Listing first 45 summaries

Database : Issued\_Patents\_NA:  
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 4: /cn2\_6/ptodata/2/ina/6B\_COMB.seq:/\*  
 5: /cn2\_6/ptodata/2/ina/BCTRUS\_COMB.seq:/\*  
 6: /cnr2\_6/ptodata/2/ina/backfiles1.seq:/\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

#### SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	2232	100.0	2232	1 US-08-450-393A-1	Sequence 1, Appli
2	2232	100.0	2232	3 US-08-446-669-A-1	Sequence 1, Appli
3	2232	100.0	2232	5 PCT-US95-00476-1	Sequence 1, Appli
4	980	43.9	1979	1 US-08-450-393A-3	Sequence 3, Appli
5	980	43.9	1979	3 US-08-446-669-A-3	Sequence 3, Appli
6	980	43.9	1979	5 PCT-US95-00476-3	Sequence 3, Appli
7	632.6	28.5	1059	4 US-09-17-605-B-8	Sequence 3, Appli
8	632.6	28.3	1059	4 US-08-124-384A-3	Sequence 3, Appli
9	632.6	28.3	1071	3 US-09-087-232A-14	Sequence 14, Appli
10	632.6	28.3	1376	3 US-09-087-232A-12	Sequence 12, Appli
11	632.6	28.3	1477	4 US-08-033-752-2	Sequence 2, Appli
12	632.6	28.3	3383	4 US-08-861-105-13	Sequence 13, Appli
13	632.6	28.3	3383	4 US-08-575-967A-1	Sequence 1, Appli
14	632.6	28.3	5674	4 US-09-293-170-3	Sequence 3, Appli
15	629.4	28.2	1414	3 US-09-466-343D-1	Sequence 1, Appli
16	612.6	27.4	1344	3 US-09-087-232A-16	Sequence 16, Appli
17	612.6	27.4	1442	4 US-08-033-752-3	Sequence 3, Appli
18	588.2	26.4	2440	4 US-08-724-988A-1	Sequence 1, Appli
19	376	16.8	792	4 US-08-575-967A-1	Sequence 1, Appli
20	325	14.6	2156	4 US-08-012-988A-1	Sequence 1, Appli
21	323.4	14.5	1065	4 US-08-847-206B-2	Sequence 2, Appli
22	323.4	14.5	1915	4 US-08-575-967A-3	Sequence 3, Appli
23	308.6	13.8	461	3 US-09-087-232A-11	Sequence 11, Appli
24	288.4	12.9	1607	3 US-08-875-573-19	Sequence 19, Appli
25	288.4	12.9	1695	4 US-09-212-848-31	Sequence 1, Appli
26	264	11.8	1161	1 US-08-153-848-31	Sequence 31, Appli
27	264	11.8	1161	5 PCT-US93-11153-31	Sequence 31, Appli

#### ALIGNMENTS

28	264	11.8	2254	1 US-08-153-848-27
29	264	11.8	2254	4 US-09-299-843A-27
30	264	11.8	2254	5 PCT-US93-11153-27
31	264	11.8	3119	3 US-09-299-843A-31
32	264	11.8	3119	4 US-09-088-3337B-31
33	250.4	11.2	1586	1 US-08-461-244-1
34	250.4	11.2	1050	4 US-08-681-192-1
35	176	7.9	1200	5 PCT-US95-03032-1
36	175.6	7.9	1200	4 US-09-045-583-4
37	172.8	7.7	1664	4 US-09-534-185-4
38	171.8	7.7	1664	4 US-09-045-583-6
39	171.8	7.7	1137	4 US-09-534-185-6
40	171.8	7.7	1137	4 US-09-534-185-6
41	167.6	7.5	1200	5 PCT-US92-0297-1
42	160	7.2	2577	4 US-09-266-644-1
43	155.2	7.0	2085	3 US-09-299-843A-65
44	155.2	7.0	2085	4 US-09-088-3337B-65
45	151.4	6.8	1106	5 PCT-US92-0297-5

RESULT 1  
 US-08-450-393A-1  
 ; Sequence 1, Application US/08450393A  
 ; Patent No. 5707815  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Coughlin, Shaun, Charo, Israel  
 ; TITLE OF INVENTION: MAMMALIAN MONOCYTE CHEMOATTRACTANT PROTEIN RECEPTORS  
 ; NUMBER OF SEQUENCES: 14  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSE: Cooley Godward Castro Huddleson & Tatum  
 ; STREET: 5 Palo Alto Square  
 ; CITY: Palo Alto  
 ; STATE: California  
 ; COUNTRY: USA  
 ; ZIP: 94306-2155  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: Floppy disk  
 ; COMPUTER: IBM PC compatible  
 ; OPERATING SYSTEM: PC-DOS/MS-DOS  
 ; SOFTWARE: Patentin Release #1.0, Version #1.25  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/08/450, 393A  
 ; FILING DATE: May 25, 1995  
 ; CLASSIFICATION: 424  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: Cserr, Luann  
 ; REGISTRATION NUMBER: 31, 822  
 ; REFERENCE/DOCKET NUMBER: UCAL-237/02US  
 ; TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: 415-843-5165  
 ; TELEFAX: 415-887-0663  
 ; TELEX: 380816cooleypa  
 ; INFORMATION FOR SEQ ID NO: 1:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 2232 base pairs  
 ; TYPE: nucleic acid  
 ; STRANDEDNESS: single  
 ; TOPOLOGY: linear  
 ; MOLECULE TYPE: cDNA  
 ; HYPOTHETICAL: NO  
 ; ANTI -SENSE: NO  
 ; FEATURE:  
 ; NAME/KEY: CDS  
 ; LOCATION: 40..1161  
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 ; US-08-450-393A-1  
 ; Query Match Score 2232; DB 1; Length 2232;  
 ; Best Local Similarity 100.0%; Pred. No. 0;

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Db	1	GGATTGACAAGGAGCATTTCCCAGTAGATCCACAACATGCTGTCCACATCTCGTCT	60						
Qy	61	CGGTTTATCAGAATAACCAACAGAGCGGGTGAAGAAAGTCACCACCTTTGGATTATGAT	120						
Db	61	CGGTTTATCAGAATAACCAACAGAGCGGGTGAAGAAAGTCACCACCTTTGGATTATGAT	120						
Qy	121	TACGGTGTCTCCCTGTCATAAATTGACGTGAAAGAACATTGGGCCAACACTTGCTTCG	180						
Db	121	TACGGTGTCTCCCTGTCATAAATTGACGTGAAAGAACATTGGGCCAACACTTGCTTCG	180						
Qy	181	CTCTACTCGCTGGTGTTCATCTTGTTGGCAACATGGCTGTCCTCATCTTA	240						
Db	181	CTCTACTCGCTGGTGTTCATCTTGTTGGCAACATGGCTGTCCTCATCTTA	240						
Qy	241	ATAAACTGCAAAGCTGAAAGTCCTGACTGACATTACCTGGCTCAACCTGGCCATCTCT	300						
Db	241	ATAAACTGCAAAGCTGAAAGTCCTGACTGACATTACCTGGCTCAACCTGGCCATCTCT	300						
Qy	301	GATCTGCTTCTTCTTAACTACTCTCCATTGTGGCTCACTCTGTCGAATAGTGTTGGTC	360						
Db	301	GATCTGCTTCTTCTTAACTACTCTCCATTGTGGCTCACTCTGTCGAATAGTGTTGGTC	360						
Qy	361	TTTGGGAATGCAATGSCAAATTATTCACAGGCCTGTTACATCCTCGGTTATTTGGCGGA	420						
Db	361	TTTGGGAATGCAATGSCAAATTATTCACAGGCCTGTTACATCCTCGGTTATTTGGCGGA	420						
Qy	421	ATCTCTCTCATCTCCCTGACAAATGGTATGAGTACCTGGCPATTGGTCCATGCTGTGTT	480						
Db	421	ATCTCTCTCATCTCCCTGACAAATGGTATGAGTACCTGGCPATTGGTCCATGCTGTGTT	480						
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Qy	541	GCTGTGTTGCTCTGTCAGGAAATCATCTTTACTAAATGGAGAAGTTCTGT	600						
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Qy	721	ACCCCTGCTGGTGTGCAACAGGAAAGAGCAATAGGGCAGTGGAGTCATCTTCACC	780						
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Db	901	CAGGTGACAGAGACTCTGGGATGACTCACTGTGTCATCAATCCATCACTGGCTTC	960						
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Db	961	TTTGGGAGAAGTTGAGCCACATGGCTTAAGAAGGGTCTGCTTGTAGGATTGCCCACTC	1020						
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Db	1021	CAAAACCAAGCTGCTGGTGTGGAGTCACTGTGTCATCAATCCATCACTGTGTC	1080						

QY	2161	TGAAATGTAATACTACTTTAACAACTATGATTGGAAAATAATCAATGCTATAACTA	2220	CTCTACTCGCTTGTGTCATGTTGGTGGGCAACATGTTGGTGTCTCATCTTA	240
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Dy	2221	TGTTGATAAAAG 2232	241	AATAACTGCAAAGCTGAAGGCTTGTGACATTACCTGCTAACCTGGCCTCT	300
Db	2221	TGTTGATAAAAG 2232	301	GATCTGCTTCTTCTTACTCTCCATTGTTGGCTCACTCTGTTGCAAATGGGTC	360
QY	301	GATCTGCTTCTTCTTACTCTCCATTGTTGGCTCACTCTGTTGCAAATGGGTC	360	301 GATCTGCTTCTTCTTACTCTCCATTGTTGGCTCACTCTGTTGCAAATGGGTC	360
QY	361	TTTGGAAATGCAATTATTACAGGGGTATCACATGGGTATTGTCGGGAA	420	361 TTTGGAAATGCAATTATTACAGGGGTATCACATGGGTATTGTCGGGAA	420
Db	361	TTTGGAAATGCAATTATTACAGGGGTATCACATGGGTATTGTCGGGAA	420	361 TTTGGAAATGCAATTATTACAGGGGTATCACATGGGTATTGTCGGGAA	420
QY	421	ATCTCTCTCATCATTCTGCACATGGGTATGTCATGCTGTGTT	480	421 ATCTCTCTCATCATTCTGCACATGGGTATGTCATGCTGTGTT	480
Db	421	ATCTCTCTCATCATTCTGCACATGGGTATGTCATGCTGTGTT	480	421 ATCTCTCTCATCATTCTGCACATGGGTATGTCATGCTGTGTT	480
QY	481	GCTTTAAAGCCAGGACGGTCACCTTGCGGTGACAAGTGTGATCACCTGGTGGGT	540	481 GCTTTAAAGCCAGGACGGTCACCTTGCGGTGACAAGTGTGATCACCTGGTGGGT	540
Db	481	GCTTTAAAGCCAGGACGGTCACCTTGCGGTGACAAGTGTGATCACCTGGTGGGT	540	481 GCTTTAAAGCCAGGACGGTCACCTTGCGGTGACAAGTGTGATCACCTGGTGGGT	540
QY	541	GCTCTGTTGCTTGTCCAGGATCATCTTACTAAATGCCAGAAAGATCTGTGTT	600	541 GCTCTGTTGCTTGTCCAGGATCATCTTACTAAATGCCAGAAAGATCTGTGTT	600
Db	541	GCTCTGTTGCTTGTCCAGGATCATCTTACTAAATGCCAGAAAGATCTGTGTT	600	541 GCTCTGTTGCTTGTCCAGGATCATCTTACTAAATGCCAGAAAGATCTGTGTT	600
QY	601	TATGCTGTGGCCATTATTCCACAGGATGGAAATTCCACAAATAATGAGAAC	660	601 TATGCTGTGGCCATTATTCCACAGGATGGAAATTCCACAAATAATGAGAAC	660
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QY	661	ATTTCGGGCTGGCTCATGTCATGTCATCTGGGAATCTCTGAA	720	661 ATTTCGGGCTGGCTCATGTCATGTCATCTGGGAATCTCTGAA	720
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QY	721	ACCMGCTTCCTGGTGAACGAGAACGAGCATAGGGCACTTCACC	780	721 ACCMGCTTCCTGGTGAACGAGAACGAGCATAGGGCACTTCACC	780
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Db	901	CAGTGACAGAGACTTGGGATGACTCACCTGCTGCACTCCCACTTC	96	901 CAGTGACAGAGACTTGGGATGACTCACCTGCTGCACTCCCACTTC	96
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Db	961	GTTGGGAGAAGTCAAGCTTGTGGGTCAAGGAGCTTGTGAGATGCCCAC	10	961 GTTGGGAGAAGTCAAGCTTGTGGGTCAAGGAGCTTGTGAGATGCCCAC	10
QY	1021	CAAAACCACTGCTGGGATGACAGCTTGTGGGTCAAGGAGCTTGTGAGA	10	1021 CAAAACCACTGCTGGGATGACAGCTTGTGGGTCAAGGAGCTTGTGAGA	10
Db	1021	CAAAACCACTGCTGGGATGACAGCTTGTGGGTCAAGGAGCTTGTGAGA	10	1021 CAAAACCACTGCTGGGATGACAGCTTGTGGGTCAAGGAGCTTGTGAGA	10
QY	1081	CAAGGACTCCPCTGGATGTCGTCGAAAGGAAGTCAATTGGCAAGCCTTA	11	1081 CAAGGACTCCPCTGGATGTCGTCGAAAGGAAGTCAATTGGCAAGCCTTA	11
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QY	1141	CTTCAGGACAAAGAGGGCTTGTGGGTCAAGGACAGATCTGCTTGGAAATCACA	12	1141 CTTCAGGACAAAGAGGGCTTGTGGGTCAAGGACAGATCTGCTTGGAAATCACA	12
Db	1141	CTTCAGGACAAAGAGGGCTTGTGGGTCAAGGACAGATCTGCTTGGAAATCACA	12	1141 CTTCAGGACAAAGAGGGCTTGTGGGTCAAGGACAGATCTGCTTGGAAATCACA	12
QY	1201	CGTCTGGCTTCAAGATGTGTGTTCAAGTGTGAAATCTGGGCCAACCTGCTCCG	180	1201 CGTCTGGCTTCAAGATGTGTGTTCAAGTGTGAAATCTGGGCCAACCTGCTCCG	180
Db	1201	CGTCTGGCTTCAAGATGTGTGTTCAAGTGTGAAATCTGGGCCAACCTGCTCCG	180	1201 CGTCTGGCTTCAAGATGTGTGTTCAAGTGTGAAATCTGGGCCAACCTGCTCCG	180
QY	1261	GGTAAACGCTGAGAGAGAGACTCCAAACTTGTGGAAAACATTTCAACTTCT	1261	GGTAAACGCTGAGAGAGAGACTCCAAACTTGTGGAAAACATTTCAACTTCT	1261

Db 1261 GGAAGGCTAGAGGGAGAGCTCCAGCTGGTTGAAACAGTATTCCAAAACACT 1320  
 Qy 1321 TCCAGTTCCCATTTGATAACGGCAAGAGTCAGACTGGTTAATAGTAAAT 1380  
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 Qy 1501 ATTTGAGCAGGGTGTATTTGGAGACTGGCTACCCATAAGTGTGTTGATGGC 1560  
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 Qy 1561 AGGAGTGGAGTGTGATCACAGTACGCCATTTAGCTATGGCATGCACTAAAGA 1620  
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 Qy 1681 CTCTCAGGCTTGCGCAAAGSCTTTTGTGATCATATGAGTCATGCT 1740  
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 Qy 1801 CTAATTGCACTGGGAAACTCTTAATCAAACTTTAAACCT 1860  
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 Qy 1861 ATGGTAAGAATGGAGGGTGGAGAAACCTCCCCTGAGTCCAGATTCAGT 1920  
 Db 1861 ATGGTAAGAATGGAGGGTGGAGAAACCTCCCCTGAGTCCAGATTCAGT 1920  
 Qy 1921 CGAGGAAAGTTAAGATGTTCTTATGTTGCCAAAGCTTGTGAAAG 1980  
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 Qy 1981 AAACACTGGGCTTCTAGAACCCGAACTGGAAACTAGACTGGGACTATGGC 2040  
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 Qy 2041 TCTACTTTGGCCACATGGTAAAGGTTCAAGAAAGTGGGACAGAGCAAC 2100  
 Db 2041 TCTACTTTGGCCACATGGTAAAGGTTCAAGAAAGTGGTGTGCTGA 2100  
 Qy 2101 TTTCACCTTGATATTTGTATGTCATGAAATGCTTAAGTGTGCTGA 2160  
 Db 2101 TTTCACCTTGATATTTGTATGTCATGAAATGCTTAAGTGTGCTGA 2160  
 Qy 2161 TGAATGTTAAATACTGTTTAACAACTATGTTGAAATAATCAATGCTATAACTA 2220  
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 Qy 2221 TGTTGATAAAAAG 2232  
 Db 2221 TGTTGATAAAAAG 2232

RESULT 3  
 PCT US95-00476-1  
 ; Sequence 1, Application PC/TUS9500476  
 ; GENERAL INFORMATION:  
 ; APPLICANT: The Regents of the University of California

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QY		
Db	CAGGTGACAGAGACTCTGGATGACTACTGTGCAATCCATCATCTATGCTTC	9.60
QY		
Db	CAGGTGACAGAGACTCTGGATGACTACTGTGCAATCCATCATCTATGCTTC	9.60
QY		
Db	GTTGGGAGAAGTTCAGAGCCCTTTTACATAGCTTGGCTTAGGGTGGCCACTC	10.20
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Db	CAAGGACTCTCGATGTTGGTGGAAAAGAACGACTTCGGAGACGCCCTGAA	11.40
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QY		
Db	CGCTGGCTTCACAGATGTTGATCACAGTGTGATCTGGCTTACGGTACCGA	12.60
QY		
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Db	CATGTOAAAGCTGAAACTGCAACTTGTAAATACGGCATAGAGTCAGCTTGA	15.00
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Db	CATGTOAAAGCTGAAACTGCAACTTGTAAATACGGCATAGAGTCAGCTTGA	15.00

RESULT 4  
US-08-450-393A-3  
; Sequence 3, Application US/08450393A  
; Patent No. 5707815  
; GENERAL INFORMATION:  
; APPLICANT: Coughlin, Shaun  
; TITLE OF INVENTION: MAMMALIAN MONOCYTE CHEMOTACTANT  
; TITLE OF INVENTION: PROTEIN RECEPTORS  
; NUMBER OF SEQUENCES: 14  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Cooley Godward Castro Huddleson & Tatum  
; STREET: 5 Palo Alto Square  
; CITY: Palo Alto  
; STATE: California  
; COUNTY: USA  
; ZIP: 94306-2155  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS

RESULT 4  
US-08-450-  
; Sequence N  
; GENERAL  
APPLI  
TITLE  
NUMBER  
CORRE  
ADDE  
SPE  
CIT  
SPP  
COO  
ZIN  
COMPE  
MEDI  
CON  
OPP

SOFTWARE: Patentin Release #1.0, Version #1.25  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/450,393A  
 FILING DATE: May 25, 1995  
 CLASSIFICATION: 424  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Cserri, Luann  
 REGISTRATION NUMBER: 31,822  
 TELECOMMUNICATION INFORMATION:  
 INFORMATION FOR DOCKET NUMBER: UCAL-237/02US  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 1979 base pairs  
 TYPE: nucleic acid pairs  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 MOLECULE TYPE: cDNA  
 HYPOTHETICAL: NO  
 ANTI-SENSE: NO  
 FEATURE:  
 NAME/KEY: CDS  
 LOCATION: 81..1160  
 US-08-450-393A-3

Query Match 43.9%; Score 980; DB 1; Le  
 Best Local Similarity 100.0%; Pred. No. 2, 3e-270;  
 Matches 980; Conservative 0; Mismatches 0;

Qy	1	GGATGAAAGGACCCATTCCCCACTACATCCACAAACATGCTGG
Db	42	GGATGAAAGGACCCATTCCCCGATACATCCACAAACATGCTGG
Qy	61	CGGTATTATCAGAAATACCAACAGGAGACGGTAGAAAGTCAACCC
Db	102	CGGTTATCAGAAATACCAACAGGAGACGGTAGAAAGTCAACCC
Qy	121	TACGGTGCCTCTGTATAAATTGGCTGTAGCAATTGGGCC
Db	162	TACGGTGCCTCTGTATAAATTGGCTGTAGCAATTGGGCC
Qy	181	CTCTACTTCGCTGGTGTCACTTGTGGAAACATGCTGG
Db	222	CTCTACTTCGCTGGTGTCACTTGTGGAAACATGCTGG
Qy	241	ATAAACGTAAAAGCTGAAGTGTGTTGACTGACATTACCTGCTCA
Db	282	ATAAACGTAAAAGCTGAAGTGTGTTGACTGACATTACCTGCTCA
Qy	301	GATGTGTTTCTTAATCTCCCATGGCTCACCTGTGCT
Db	342	GATCTGTTTCTTAATCTCCATGGCTCACCTGTGCT
Qy	361	TTCGGGAATGCAATGTCATAATTCAAGGGTGATCACATG
Db	402	TTCGGGAATGCAATGTCATAATTCAAGGGTGATCACATG
Qy	421	ATCTTCTCATCATCCCTGACATGATGATACTGGCTATTG
Db	462	ATCTTCTCATCATCCCTGACATGATGATACTGGCTATTG
Qy	481	GCTTAAAGCCAGGACGGTCACCTTGGGTGACAAGTGTGA
Db	522	GCTTAAAGCCAGGACGGTCACCTTGGGTGACAAGTGTGA
Qy	541	GCTGTGTTGCTGCTGCCAGGAATCATCTTACTAAATGGCAGA
Db	582	GCTGTGTTGCTGCTGCCAGGAATCATCTTACTAAATGGCAGA
Qy	601	TATGTCGTGCGCCATTTCAGGAGATGCAATTTCACAT

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Db 642 TATGTTGTGGCCCTTATTTCACAGGATGGAATAATTCCACACAATAATGGAAAC 701
QY 661 ATTTGGGGTGTGCTGCGTCACTGGTCACTGTCATCTGGAAATCCTGAA 720
Db 702 ATTATGGGCGTGGTCTGCCGTCATCTGGAAATCCTGAA 761
Db 721 ACCCTGTTGGTGTAAACCGAGAAAGAGCCATTAGGCAGTGAGACTCATCTTCAC 780
Db 762 ACCCTGCTGGTGTGAAACGAGAAAGAGCACTAGGCAGTGAGACTCATCTTCAC 821
QY 781 ATCATGATTTTACTTCTCTGACTCCCTATACATTTGTCATCTCCCTGAACACC 840
Db 822 ATCATGATTTACTTCTCTGACTCCCTATACATTTGTCATCTCCCTGAACACC 881
QY 841 TTCCAGGAATTCTGGCTTGAGTACTGTGAAAGCACCAGTCACCTGACCAAGCCACG 900
Db 882 TTCCAGGAATTCTGGCTTGAGTACTGTGAAAGCACCAGTCACCTGACCAAGCCACG 941
QY 901 CAGGTGACAGAGACTCTGGATGACTCACTGCTGATCAATCCATCATCTATGCCCTTC 960
Db 942 CAGGTGACAGAGACTCTGGATGACTCACTGCTGATCAATCCATCATCTATGCCCTTC 10001
QY 961 GTTGGGAGAAGTCAAG 980
Db 1002 GTTGGGAGAAGTCAAG 1021

RESULT 5
US-08-446-669-3
; Sequence 3, Application US/08446669
; Patent No. 6132087
; GENERAL INFORMATION:
; APPLICANT: Charo, Israel
; APPLICANT: Coughlin, Shaun
; TITLE OF INVENTION: MAMMALIAN MONOCYTE CHEMOATTRACTANT
; TITLE OF INVENTION: PROTEIN RECEPTORS
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Cooley Godward Castro Huddleson & Tatum
; STREET: 5 Palo Alto Square
; CITY: Palo Alto
; STATE: California
; COUNTRY: USA
; ZIP: 94306-2155
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/446,669
; FILING DATE: May 25, 1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Neelley, Richard
; REGISTRATION NUMBER: 30,092
; REFERENCE/DOCKET NUMBER: UCAU-237/01US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415 843 5000
; TELEX: 380816CooleyPA
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1979 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHEtical: NO
; ANTI -SENSE: NO
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 81..1160

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US-08-446-669-3

Query Match Score 980; DB 3; Length 1979;  
 Best Local Similarity 100.0%; Pred. No. 2.3e-270;  
 Matches 980; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGATGAAACAGGACGCAATTCCCAAGTACATCCACAACATGCTGTCACATCTCGTTCT 60  
 Db 42 GGATGAAACAGGACGCAATTCCCAAGTACATCCACAACATGCTGTCACATCTCGTTCT 101  
 Qy 61 CGGTTATCAGAATAACCAACAGGGTGAAGAGTCAACCCATTGATTATGAT 120  
 Db 102 CGGTTATCAGAATAACCAACAGGGTGAAGAGTCAACCCATTGATTATGAT 161  
 Qy 121 TAGGTGCTCCCTGTAATAUTTGACTGAGCAATTGGGCCAACACTCGCTCG 180  
 Db 162 TAGGTGCTCCCTGTAATAUTTGACTGAGCAATTGGGCCAACACTCGCTCG 221  
 Qy 181 CTCATCAGCTGCTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTT 240  
 Db 222 CTCATCAGCTGCTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTT 281  
 Qy 241 ATAAACCTGCAAAGCTGAAAGTGTCTGACTGACATTTAACCTGTCACATCTCT 300  
 Db 282 ATAAACCTGCAAAGCTGAAAGTGTCTGACTGACATTTAACCTGTCACATCT 341  
 Qy 301 GATCTGCTTTCTTCTTATFACTCTCCATTGGCTGACTCTGGCTGAAATGAGTGGTC 360  
 Db 342 GATCTGCTTTCTTCTTATFACTCTCCATTGGCTGACTCTGGCTGAAATGAGTGGTC 401  
 Qy 361 TTGGGAATGCAAATGCAAATTATCACAGGGGTGATCACAGGGGTGATTTGGCGA 420  
 Db 402 TTGGGAATGCAAATGCAAATTATCACAGGGGTGATCACAGGGGTGATTTGGCGA 461  
 Qy 421 ATCTCTCTCATCATCCCTGACATGATGATGATGATGATGATGATGATGTT 480  
 Db 462 ATCTCTCTATCATCCCTGACATGATGATGATGATGATGATGATGATGTT 521  
 Qy 481 GCTTAAAGCCAGGCTCACCTTGGGTGATCAAATGTTGGGTGATCAAATGTTGGTG 540  
 Db 522 GCTTAAAGCCAGGCTCACCTTGGGTGATCAAATGTTGGGTGATCAAATGTTGGTG 581  
 Qy 541 GCTGTGTTGCTCTGCTCCAGGATCACTTACTAAATGCCAGAAAGAAGATCTGTT 600  
 Db 582 GCTGTGTTGCTCTGCTCCAGGATCACTTACTAAATGCCAGAAAGAAGATCTGTT 641  
 Qy 601 TATGTTGCTGCTCCATTTCAGGATGAAATAATTCCACAAATAATGAGGAAC 660  
 Db 642 TATGTTGCTGCTCCATTTCAGGATGAAATAATTCCACAAATAATGAGGAAC 701  
 Qy 661 ATTGGGGCTGGTCTGGCTCATGGTCATCATGGGAAATCTGAAA 720  
 Db 702 ATTGGGGCTGGTCTGGCTCATGGTCATCATGGGAAATCTGAAA 761  
 Qy 721 ACCCTGCTTGGTGTGAAAGCAGAGCAATGGGCACTGAGAGTCATCTTCAC 780  
 Db 762 ACCCTGCTTGGTGTGAAAGCAGAGCAATGGGCACTGAGAGTCATCTTCAC 821  
 Qy 781 ATCATGTTGTTACTTCTCTGGACTCCCTATAACATGTCATCTGAAACACC 840  
 Db 822 ATCATGTTGTTACTTCTCTGGACTCCCTATAACATGTCATCTGAAACACC 881  
 Qy 841 TTCCAGGAATTCTGGCCCTGAGTAACGTGAAGAACCACTCAACTGGACCAAGCAC 900  
 Db 882 TTCCAGGAATTCTGGCCCTGAGTAACGTGAAGAACCACTCAACTGGACCAAGCAC 941  
 Qy 901 CAGGTGACAGAGACTCTGGGTGACTGTCATCAATCCCATCATCTATGCCT 960  
 Db 942 CAGGTGACAGAGACTCTGGGTGACTGTCATCAATCCCATCATCTATGCCT 1001  
 Qy 961 GTTGGGAGAAGTTCAGAAG 980  
 Db 1002 GTTGGGAGAAGTTCAGAAG 1021

RESULT 6  
 PCT-US95-00476-3  
 Sequence 3, Application PC/TUS9500476  
 GENERAL INFORMATION:  
 APPLICANT: The Regents of the University of California  
 TITLE OF INVENTION: MAMMALIAN MONOCYTE CHEMOATTRACTANT  
 NUMBER OF SEQUENCES: 14  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Robins, Berliner & Carson  
 STREET: 201 N. Figueroa Street, 5th Floor  
 CITY: Los Angeles  
 STATE: California  
 COUNTRY: USA  
 ZIP: 90012-2628  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: PatentIn Release #1.0, Version #1.25  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: PCT/US95/00476  
 FILING DATE:  
 CLASSIFICATION:  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Berliner, Robert  
 REGISTRATION NUMBER: 20,121  
 REFERENCE/DOCKET NUMBER: 5555-291  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: 310-977-1001  
 TELEFAX: 310-977-1003  
 TELEX:  
 INFORMATION FOR SEQ ID NO: 3:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 1979 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 MOLECULE TYPE: cDNA  
 HYPOTHETICAL: NO  
 ANTI-SENSE: NO  
 FEATURE:  
 NAME/KEY: CDS  
 LOCATION: 81..1160  
 PCT-US95-00476-3

Query Match Score 980; DB 5; Length 1979;  
 Best Local Similarity 100.0%; Pred. No. 2.3e-270;  
 Matches 980; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGATGAAACAGGACGCAATTCCCAAGTACATCCACAACATGCTGTCACATCTCGTTCT 60  
 Db 42 GGATGAAACAGGACGCAATTCCCAAGTACATCCACAACATGCTGTCACATCTCGTTCT 101  
 Qy 61 CGGTTATCAGAATAACCAACAGGCGTGAAGAAGTCACCCATTGATTTGATTTGAT 120  
 Db 102 CGGTTATCAGAATAACCAACAGGCGTGAAGAAGTCACCCATTGATTTGATTTGAT 161  
 Qy 121 TACCTGGCTGGTCTGGCTCATTAATTGAGGTGAAGCAAAATTGGGGCCAACACTGGTCTGGCTCATCTGCTTC 180  
 Db 222 CTACTCGCTGGTCTGGCTCATCTGCTTCATTGGGGCAACATGGTCTGGCTCATCTGCTTC 281  
 Qy 241 ATAAACTGCAAAGCTGAAACTGTCATCTGGCTCAAACTGGCCCATCT 300  
 Db 282 ATAAACTGCAAAGCTGAAACTGTCATCTGGCTCAAACTGGCCCATCT 341  
 Qy 301 GATCTGCTTTCTTCTTACTCTCCATTGTCATCTGGCTCAACTGTCATCTGGCTTC 360



```

; STREET: 709 Swedeland Road, P.O. Box 1539
; CITY: King of Prussia
; STATE: PA
; COUNTY: USA
; ZI/P: 19406-0939

; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
; COMPUTER: IBM 486
; OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
; SOFTWARE: MICROSOFT WORD

; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/724, 984A
; FILING DATE: October 3, 1996
; CLASSIFICATION: 800
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: William T. Han
; REGISTRATION NUMBER: 34, 344
; REFERENCE/DOCKET NUMBER: ATG50023
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 610 270 5024
; TELEFAX: 610 270 5090
; INFORMATION FOR SEQ ID NO: 3 :
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1059
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLogy: Linear
; ANTI-SENSE: No
; US-08-724-984A-3

Query Match          28.38; Score 632.6; DB 4; Length 171;
Best Local Similarity 83.4%; Pred. No. 3.ge-171;
Matches 735; Conservative 0; Mismatches 134; Index 113
Qy   113 ATTATGATTACGGTGCCTCGTCATAAAATTGACCTGAACCAATTGGC
Db   38 ATTATATACATGGAGGCCGCCCCGCCAAAATCAATGTGAACTGCGC
Qy   173 TGCCTCGCTCATACTGCTGGTTTCATCTTGGGGCACACAT
Db   98 TGCCTCGCTCATACTGCTGGTTTCATCTTGGGGCACACAT
Qy   233 TCATCTTAATAACTGCAAAGCTGAAGTGTGACTGACATTCACCT
Db   158 TCATCCUTGATAACTGAAAAGCTGAGAGGATGACTGACATTCACCT
Qy   293 CCATCTCGATCTGCTTTCTPATACTCTCCATGTGGCTCACTC
Db   218 CCATCTCGACCTGTTCTCTACTGTCCCCTCTGTGGCTCACTA
Qy   353 AGGGGTCTTGGGAATGCAAATTATTCAGGGCTGTATCA
Db   278 AGGGGACTTGGAAATACAAATGTCACCTGTAAGGGCTCTATT
Qy   413 TGGGGAAATCTCTTCATCATCCTCTGACATCGATAGATACTCTGGC
Db   338 TCTCTGGAAATCTCTTCATCATCCTCTGACATCGATAGATACTCTGGC
Qy   473 CTGGTGTGCTTAAACCGACGGTCACTCTCCATGTCACCTGTCAC
Db   398 CTGTGTTCTTAAACCGACGGTCACTCTCCAGGAATCATCTTACTAAATG
Qy   533 GGTGGTGGCTGCTGTTGGCTCTCCAGGAATCATCTTACTAAATG
Db   458 GGGGGTGGCTGCTGTTGGCTCTCCAGGAATCATCTTACTAAATG
Qy   593 ATTCGTTATGCTGTGCCCCCTATTTCICA-----CGAGG
Db   518 GTCTCATACCTGCACTCTCATCTTACAGTGTATCAATTCAGG

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QY 641 TCCACACAATAGGAAACATTGGGCGGGTCTGCCGTGCATCATGGTCATCT 700  
Db 578 TCCAGCAGATCAAGTAGTACTCTGGGGTGTGCTGAGTCATCT 637  
Qy 701 GCTACTGGGATCCGAAACCTGTTGGTCTGAAACGAGAAAGGGCATAGGG 760  
Db 638 GCTACTGGGATCCAAAACCTGTTGGTCTGAAATGAGAAGAGACAGGG 697  
Qy 761 CAGTGAGAGTCATCTACCATCATGTTACTTCTGACTCCCTATARCA 820  
Db 698 CTGTGGCTPATCTCACCATGTTATTCCTGCTCCCTACARCA 757  
Qy 821 TTGTCTTCTCTGAACACCTTCAGGAACTTCTGGGTGTAATGAGACCTGACCA 880  
Db 758 TTGTCTTCTCTGAACACCTTCAGGAACTTCTGGGTGTAATGAGACCTGACCA 817  
Qy 881 GTCAACTGGACCAAGGCCAGCAGGTGACAGAGACTCTGGGAGACTACTGTCATCA 940  
Db 818 ACAGGTGGACCAAGCTATGCAAGTGTGAGAGACTCTGGGAGAATCTGAGAAC 877  
Qy 941 ATCCCCATCATPATGCCCTCGTGGGAGAAGTTCAGAGC 981  
Db 878 ACCCCCACATCATPATGCCCTTGCGGGGAAAGTCAGAAC 918

RESULT 9  
US-09-087-232A-14  
Sequence 14 Application US/09087232A  
; Patent No. 6153431  
; GENERAL INFORMATION:  
; APPLICANT: Quillient et al. HUMAN IMMUNODEFICIENCY VIRUS CO-RECEPTOR  
; TITLE OF INVENTION: VARIANTS ASSOCIATED WITH RESISTANCE TO VIRUS INFECTION  
; TITLE OF INVENTION: VARIANTS ASSOCIATED WITH RESISTANCE TO VIRUS INFECTION  
; NUMBER OF SEQUENCES: 23  
; CURRENT APPLICATION ADDRESS:  
; ADDRESSEE: Baker & Botts, L.L.P. attn. Lisa Kole  
; STREET: 30 Rockefeller Plaza  
; CITY: New York  
; STATE: New York  
; COUNTRY: USA  
; ZIP: 10112

COMPUTER READABLE FORM:  
; MEDIUM TYPE: FLOPPY DISK  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent Release #1.0, Version #1.30 (EPO)

CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/087,232A  
; FILING DATE: 28 MAY 1998  
; CLASSIFICATION: 435  
; PRIORITY APPLICATION DATA:  
; APPLICATION NUMBER: 60/048,057  
; FILING DATE: 30 MAY 1997  
; ATTORNEY/AGENT INFORMATION:  
; NAME: KOLE, LISA B.  
; REGISTRATION NUMBER: 35,225  
; REFERENCE/DOCKET NUMBER: AP 31115  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (212) 408-2628  
; TELEFAX: (212) 765-2519  
; INFORMATION FOR SEQ ID NO: 14:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 1071 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: cDNA  
; FEATURE:  
; NAME/KEY: CDS  
; LOCATION: 7..309

US-09-087-232A-14  
20 28 : SEQID 622 6 : DB 3 : Length 1071

RESULT 10  
US-09-087-232A-12 ; Sequence 12, Application US/09087232A  
; Patent No. 615431 ; GENERAL INFORMATION:  
APPLICANT: Quillient et al.  
TITLE OF INVENTION: HUMAN IMMUNODEFICIENCY VIRUS CO-RECEPTOR  
NUMBER OF SEQUENCES: 23  
VARIANT(S) ASSOCIATED WITH RESISTANCE TO VIRUS INFECTION

QY 593 ATTCTGTTATAGCTGTGCCCTTATTTCCTA-----CGGAGTGGAAATT 640  
 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  
 QY 757 GCTTCATTACCTGAGCTTCATTTCCATACGTCACTGGAAATT 816  
 Ddb 641 TCCACCAATAATGGAAACATTGGGCGNGTCTGCCGTCATGGTACCT 700  
 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  
 Ddb 817 CTGAGACATTAAGATAGTCATCCTGGGCTGGCTGCTGGCATGGTACCT 876  
 QY 701 GCTACTCGGAATCTGAAACCTGTTGGGCTGGTCTGGAAACGAGAAGGGCATAGGG 760  
 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  
 QY 877 GCTACTCGGAATCTGAAACCTGTTGGGCTGGCTGCTGGCATGGGACAGGG 936  
 QY 761 CAGHAGACTCATCTACCATCATGATGGTTACCTCTCTGACTCCCTAACCA 820  
 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  
 Db 937 CTGTGAGCTTATCTTACCATCATGATGGTTATTCCTCTGGCTCCCTAACCA 996  
 Db 821 TTGTCATCTCCNGAACCTTCAGGAAATTCTGGCTGAGTACTGTGAAAGGCCCA 880  
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 Db 997 TTGTCATCTCCNGAACCTTCAGGAAATTCTGGCTGAGTAATGCACTGGCTCA 1056  
 QY 881 GTCAACTGGACCAAGGCCAGCGAGGTGACAGAGACTCTGGGATGACACTGCTGCATCA 940  
 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  
 Db 1057 ACAGGTGACCAAGCTATGAGCTTGACAGAGACTCTGGGATGACGACTGCTGCATCA 1116  
 QY 941 ATCCCATCATCTATGGCTCGTGGGAGAAGTCAGANGC 981  
 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  
 Db 1117 ACCCCATCATCTATGGCTCGTGGGAGAAGTCAGAAC 1157

RESULT 11

US-08-833-752-2  
 ; Sequence 2, Application US/08833752  
 ; Patent No. 6448375

; GENERAL INFORMATION:

; APPLICANT: SAMSON, MICHEL  
 ; PARMENTER, MARC  
 ; VASSART, GILBERT  
 ; LIBERT, FREDRICK

; TITLE OF INVENTION: ACTIVE AND INACTIVE CC-CHEMOKINES RECEPTOR  
 ; TITLE OF INVENTION: AND NUCLEIC ACID MOLECULES ENCODING SAID RECEPTOR  
 ; NUMBER OF SEQUENCES: 17

; CORRESPONDENCE ADDRESS:

ADDRESSEE: Knobbe, Martens, Olson & Bear  
 STREET: 620 Newport Center Drive 16th Floor  
 CITY: Newport Beach  
 STATE: CA  
 COUNTRY: U.S.A.  
 ZIP: 92660

COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: Patent Release #1.0, Version #1.25 (EPO)

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/833,752  
 FILING DATE: 9-APR-1997  
 CLASSIFICATION: 536  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Altman, Daniel E  
 REGISTRATION NUMBER: 34,115  
 REFERENCE/DOCKET NUMBER:  
 INFORMATION FOR SEQ ID NO: 2:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 1477 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 MOLECULE TYPE: DNA (genomic)  
 FEATURE: CDS  
 LOCATION: 240..1295  
 NAME/KEY: US-08-833-752-2

RESULT 12  
US-08-861-105-13  
; Sequence-1103, Application US/08861105  
; Patent No. 6558527  
; GENERAL INFORMATION:  
; APPLICANT: LITTMAN, DAN R.  
; APPLICANT: DENG, HONGKUI

APPLICANT: ELLMEIER, WILFRIED  
 APPLICANT: LANDAU, NATHANIEL R.  
 TITLE OF INVENTION: G-COUPLED RECEPTORS ASSOCIATED WITH  
 MACROPHAGE-TROPHIC HIV, AND DIAGNOSTIC AND THERAPEUTIC  
 TITLE OF INVENTION: USES THEREOF  
 NUMBER OF SEQUENCES: 14  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: David A. Jackson, Esq.  
 STREET: 411 Hackensack Ave, Continental Plaza, 4th  
 CITY: Hackensack  
 STATE: New Jersey  
 COUNTRY: USA  
 ZIP: 07601

COMPUTER READABLE FORM:  
 MEDIUM TYPE: FLOPPY disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: PatentIn Release #1.0, Version #1.30  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/861.105  
 FILING DATE: 19-JUN-1996  
 CLASSIFICATION: 436  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 08/227,319  
 FILING DATE: 13-APR-1994  
 ATTORNEY/AGENT INFORMATION:  
 ATTORNEY/AGENT: Jackson Esq., David A.  
 REGISTRATION NUMBER: 26,742  
 REFERENCE/DOCKET NUMBER: 1049-1-004 N1  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: 201-343-1684  
 TELEFAX: 201-343-1680  
 INFORMATION FOR SEQ ID NO: 13:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 3,383 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: double  
 TOPOLOGY: linear  
 MOLECULE TYPE: CDNA  
 HYPOTHETICAL: NO  
 ORIGINAL SOURCE: Homo sapiens

US-08-861-105-13

Query Match 28.3% Score 632.6; DB 4; Length 3383;  
 Best Local Similarity 83.4%; Pred. No. 7, 3e-171;  
 Matches 735; Conservative 0; Mismatches 134; Indels 12; Gaps 1;

Qy 113 ATTATGATTACGGTGCCTCCCTGTCATAAATTGACTGTGAACCAATGGGCCCACTC 172  
 Db 92 ATTATTAATCGAGCCCTGCCCCAAATCAATGTGAACCAATGGCCACATGGTC 151

Qy 173 TGCCCTCGCCTACTCGCGTGTCTCATCTTGTTGGCAATGCGCCACTC 232  
 Db 152 TGCCCTCGCCTACTCGCGTGTCTCATCTTGTTGGCAACATGGTC 211

Qy 233 TCATCTTAATAACTGCAAAGTGAAGTGTGACTGACATTACCTCTCAACCTG 292  
 Db 212 TCATCTGTGATAACTGCAAAGGCTGAAGCACTGACATCTACCTG 271

Qy 293 CCATCTCTGATCTGCCTTCTTCTTACTCTCCCATTGTTGGCTCACTCGCTCAAATG 352  
 Db 272 CCATCTCTGACCTGTTCTCTACATGCTCCCTCTGGCTCACTAATGCTGCC 331

Qy 353 AGTGGGTCTTGGAATGCAATGNGCAAATATTACAGGGCTGTATCACATCGTTAT 412  
 Db 332 AGTGGGACATGGAAATACATGTGTCAACTCTGTGCTATTTATGGCTTC 391

RESULT 13  
 US-08-575-967A-1  
 ; Sequence 1, Application US/08575967A  
 ; Patent No. 6265184  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Gray et al.  
 ; TITLE OF INVENTION: Chemokine Receptor Materials and Methods  
 ; NUMBER OF SEQUENCES: 16  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESS: Marshall, O'Toole, Gerstein, Murray & Borun  
 ; STREET: 6300 Sears Tower, 233 S. Wacker Drive  
 ; CITY: Chicago  
 ; STATE: Illinois  
 ; COUNTRY: USA  
 ; ZIP: 60606  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: Floppy disk  
 ; COMPUTER: IBM PC compatible  
 ; OPERATING SYSTEM: PC-DOS/MS-DOS  
 ; SOFTWARE: PatentIn Release #1.0, Version #1.30  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/08/575-967A  
 ; FILING DATE:  
 ; CLASSIFICATION: 35  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: No. 6265184 and, Greta E.  
 ; REGISTRATION NUMBER: 35,302  
 ; REFERENCE/DOCKET NUMBER: 32918  
 ; TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: 206-485-1900  
 ; TELEFAX: 206-485-1662

INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 3383 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: CDNA  
FEATURE:  
NAME/KEY: CDS  
LOCATION: 55..1110  
FEATURE:  
NAME/KEY: misc\_feature  
OTHER INFORMATION: /= "88C polynucleotide and amino acid  
US-08-573-967A-1

RESULT 14  
US-09-293-170-3  
Sequence 3 , Application US/09293170  
Patent No. 638377  
GENERAL INFORMATION:  
APPLICANT: Breyer, Richard M.  
APPLICANT: Ma, Lijun  
APPLICANT: Kennedy, Chris  
APPLICANT: Li, Ming  
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR HIGH YIELD PRODUCTION OF EUKARYOTIC PROTEINS  
FILE REFERENCE: 220000.0094  
CURRENT APPLICATION NUMBER: US/09/293,170  
CURRENT FILING DATE: 1999-04-16  
EARLIER APPLICATION NUMBER: 60/081,989  
EARLIER FILING DATE: 1998-04-16  
NUMBER OF SEQ ID NOS: 37  
SOFTWARE: FastSEQ for Windows Version 3.0  
SEQ ID NO 3  
LENGTH: 5674  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
NAME/KEY: CDS  
LOCATION: (300)..(1616)  
OTHER INFORMATION: Description of Artificial Sequence:/note =  
US-09-293-170-3

Query Match Score 632.6; DB 4; Length 3383;  
Best Local Similarity 83.4%; Pred. No. 7.3e-171;  
Matches 735; Conservative 0; Mismatches 134; Indels 12; Gaps 1;

Qy 113 ATTATGATTAACGGTGTCTCCCTGTCATAAAATTGACGTGAACTTGGGCCCAACTCC 172  
Db 92 ATTATTTACATCGGGACCCCTGCCAAAATTCAATGAGAAATCAGGCCGCCTC 151  
Qy 173 TGCCTCGCTCPACTCTCGGTGTTCATCTTGGCTTGTGGCAACATGCTGGTGTGCC 232  
Db 152 TGCCTCGCTCPACTCTCGGTGTTCATCTTGGCTTGTGGCAACATGCTGGTGTCC 211  
Qy 233 TCATCTTATAAACTGAAAAGCTGAAAGTGAACTGTCATGCTAACCTGG 292  
Db 212 TCATCTGTATAACCTGAAARGGTGTGAAGAGATGACTGACATCTACCTGGTCAACCTGG 271  
Qy 293 CCATCTCTGATCTGCTTTTCCTTATTACTCTCCATTGTTGGCTCACTCTGCTGCAAATG 352  
Db 272 CCATCTCGACCTGACCTGTTTCCTCTTATGTCCTCTGGGTCACTATGTCGGGCC 331  
Qy 353 AGTGGGTCTTGGGAATGCAAAATTATTCACTACGGGCTGTATACATGGTTATT 4.12  
Db 332 AGTGGGACTTTGSAATAATCAATGTCACACTCTGCACTCTGACGGCCTATTTAGGTCT 391  
Qy 413 TTGGGGATCTCTTCATCATCTCTGCAACATCGTAACTCTGGCTATATGTCCTATG 472  
Db 392 TCCTCTGGAAATCTCTTCATCATCTCTGCAACATCGTAACTCTGGCTGTGTCCT 451  
Qy 473 CTGGGTTCCTTTAAAGGCAGGACGGTACCCATTGGGTGGTGAAGTGTATCACT 532  
Db 452 CTGGTTCTGCTTAAAGGCAGGACGGTACCCATTGGGTGGTGAAGTGTATCACT 511  
Qy 533 GGTTGGCTGTGTTCTGCTTCACTCTTACTAAATGCCAGAAAGAG 592  
Qy 511 TCCACACATAATGGGAACATTGGGTGGCTGTCATGTTCTGGAGAAATT 640  
Db 572 GTCTCTCATPACACCTGCACTTCCATACAGTAGTATCAATTCTGGAGAAATT 631  
Qy 641 TCCACACATAATGGGAACATTGGGTGGCTGTCATGTTCTGGAGAAATT 700  
Db 632 TCCACACATAATGGGAACATTGGGTGGCTGTCATGTTCTGGAGAAATT 691  
Qy 701 GCTACTCGGAATCTGAAACACCTGCTGGTGTGAAAGAGGCAATGGG 760  
Db 692 GCTACTCGGAATCTTAAACACTCTGTCATGTTCTGGTGTGAAATGGAGAAAGGG 751  
Qy 761 CAGTGAGTCATCTCACCATGATGTTTACTTCCTCTGGACTCCATACA 820  
Db 752 CTGTGAGTCATCTGCACTCATGATGTTTACTTCCTCTGGTGTGAACT 811  
Qy 821 TTGTGATCATCTGAAACACCTTCCAGGAATCTTCCGGCTGTGAAACTGTGAAAGACCA 880  
Db 812 TTGTGCTTCTCTGAAACACCTTCCAGGAATCTTCCGGTGTGAAATATGAGTAGCTA 871  
Qy 881 GTCAACTGGACCAAGGCCAGGTCAGGTGACAGAGACTCTGGATGACTGCTGCA 940

Query Match Score 632.6; DB 4; Length 5674;  
Best Local Similarity 83.4%; Pred. No. 9.7e-171;  
Matches 735; Conservative 0; Mismatches 134; Indels 12; Gaps 1;  
US-09-293-170-3

Query Match Score 28.3%; Score 632.6; DB 4; Length 5674;  
Best Local Similarity 83.4%; Pred. No. 9.7e-171;  
Matches 735; Conservative 0; Mismatches 134; Indels 12; Gaps 1;  
US-09-293-170-3

Qy 113 ATTATGATTAACGGTGTCTCCCTGTCATAAAATTGACGTGAACTTGGGCCCAACTCC 172  
Db 571 ATTATTTACATCGGGACCCCTGCCAAAATTCAATGAGAAATCAGGCCGCCTC 630  
Qy 173 TGCTCTGGCTCTACTCTGCTGTGTCATCTGCTGTGTCATCTGCTGTCCTC 232  
Db 631 TGCTCCGGCTCTACTCTGCTGTGTCATCTGCTGTGTCATCTGCTGTCCTC 690  
Qy 233 TCATCTTATAAACTGCAAAGCTGAAAGTGAACTGTCATTTACCTGGTCAACTGG 292  
Db 691 TCATCTGTATAACCTGCAACAGGCTGAAGAGCATGTCATCTGCTGTCCTC 750  
Qy 293 CCATCTCTGATCTGCTGTGTCATCTGCTGTGTCATCTGCTGTCCTC 352  
Db 751 CCATCTCTGACCTGTTTCCTCTACTGTCCTCTGGCTACTAATGTCGGGCC 810  
Qy 353 AGTGGGTCTTGGGTGGTGAATGCAATTGTCATGCTGTCATGCTGTCCT 412  
Db 811 AGTGGGACTTTGGAAATACATGTCATCTGCTGTCAGGGCTCTTATGGCTCT 870  
Qy 473 CTGTCCTTGGCTTAAAGGCAGGACGGTACCCATTGGGTGGTGAAGTGTATCA 532  
Db 931 CTGTCGTTGGCTTAAAGGCAGGACGGTACCCATTGGGTGGTGAAGTGTATCACTT 990  
Qy 533 GGTGGGTGCTCTGCTGTCCTGCTGTCCTGCTGTCCTGCTGTCCTGCTGTCCT 930  
Db 991 GGTGGGTGCTGTCCTGCTGTCCTGCTGTCCTGCTGTCCTGCTGTCCTGCTGTCCT 1050  
Qy 593 ATTCTGTTATGTCCTGTCCTTATTCTCA - - - - - CGAGGATGGATAATT 640

Db	1051	GCTCTTACACCTGAGCTCTCATTTCCATACAGTCATTCTGGAAAGATT	1110
Qy	641	TCCACACAATAATGAGGAACATTTCGGGCTGGTCTGGCTGCATCATGTTCACT	700
Db	1111	TCCAGACATTAAGATACTCGTCTGGGCTGGTCTGGCTGCATGTGTCATCT	1170
Qy	701	GCTACTGGGAATCTGGAAACACCTGTTGGTGTGAAACAGAGGCAATAGGG	760
Db	1171	GCTACTGGGAATCTAAAACACTGCTCAGGCAATGAGAGGAAGGGCAAGGG	1230
Qy	761	CAGTGAGAATCTTACCATCATGATGTTACTTCTTCGACGCCCTATACAA	820
Db	1231	CTGGAGGCTTATCTACCATCATGATGTTACTTCTTCGACGCCCTATACAA	1290
Qy	821	TTCGCACTTCCTCGAACACCTTCAGGAATTCTCGGCCCTGAGTAACCTGTAAGGACCA	880
Db	1291	TTCGCACTTCCTCGAACACCTTCAGGAATTCTGGCTGAATATTGAGTAGCTCTA	1350
Qy	881	GTCAACTTGACCAAAGCCACGGCTGAGAGACTCTGGATGACTCACTGCTGATCA	940
Db	1351	AGAGTTGACCAAAGCTATGGCTGAGAGACTCTGGATGACTCACTGCTGATCA	1410
Qy	941	ATCCCCATCATCTPATGCTCTGGGGAGAAGTTCAGAAC	981
Db	1411	ACCCCATCATCTPATGCTCTGGGGAGAAGTTCAGAAC	1451

RESULT 15  
US-08-466-343D-1  
; Sequence 1, Application US/0846634 3D  
; Patent No. 602154  
; GENERAL INFORMATION:  
; APPLICANT: LI, YI  
; TITLE OF INVENTION: POLYNUCLEOTIDES ENCODING HUMAN G-PROTEIN  
; TITLE OF INVENTION: CHEMOKINE RECEPTOR HDGNR10 (AS AMENDED)  
; NUMBER OF SEQUENCES: 9  
; CORRESPONDENCE ADDRESS:

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CITY: WASHINGTON STATE: DC COUNTRY: USA ZIP: 20005

COMPUTER READABLE FORM:  
MEDIUM TYPE: FLOPPY DISK COMPUTER: IBM PC Compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/466,343D  
FILING DATE: 06-JUN-1995  
CLASSIFICATION: 435 ATTORNEY/AGENT INFORMATION:  
NAME: STEFFE, ERIC K.  
REGISTRATION NUMBER: 36,688  
REFERENCE/DOCKET NUMBER: 1488, 1150000/ERS/KLM

TELECOMMUNICATION INFORMATION:  
TELEPHONE: (202) 371-2600  
TELEFAX: (202) 371-5540  
INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 1414 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: double  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA  
FEATURE:  
NAME/KEY: CDS LOCATION: 259..13314  
JUS-08-466-343D-1

Search completed: June 1, 2003, 20:07:31  
Job time : 130:319 secs